

09/424661

	Type	Hits	Search Text
1	BRS	1	(databse\$ and (natural\$ same language\$) and word\$ and (search\$ same criteri\$))
2	BRS	1	(databse\$ and (natural\$ same language\$))
3	BRS	46	(databse\$ and (natural\$ same2 language\$))
4	BRS	3026	(3and word\$ and (search\$ same criteri\$))
5	BRS	4	((databse\$ and (natural\$ same2 language\$)) ) and word\$ and (search\$ same criteri\$))
6	BRS	9	(databse\$ and (natural\$ and language\$))
7	BRS	9	(databse\$ and natural\$ and language\$)
8	BRS	123	categor\$ same natural\$ same language\$
9	BRS	84	(categor\$ same natural\$ same language\$) and database\$
10	BRS	11	((categor\$ same natural\$ same language\$) and database\$) and (search\$ same criter\$))
11	BRS	11	((((categor\$ same natural\$ same language\$) and database\$) and (search\$ same criter\$))) and stor\$
12	BRS	10	(((((categor\$ same natural\$ same language\$) and database\$) and (search\$ same criter\$))) and stor\$) and input\$ and output\$
13	BRS	9	((((((categor\$ same natural\$ same language\$) and database\$) and (search\$ same criter\$))) and stor\$) and input\$ and output\$) and sentenc\$

	DBs	Time Stamp	Comments	Error Definition
1	USPAT	2001/08/30 12:54		Truncation Overflow. Return string from Server is: 5`0`0`DAT
2	USPAT	2001/08/30 12:55		
3	USPAT	2001/08/30 13:00		
4	USPAT	2001/08/30 12:57		Truncation Overflow. Return string from Server is: 5`778`955
5	USPAT	2001/08/30 12:58		Truncation Overflow. Return string from Server is: 5`0`0`WOR
6	USPAT	2001/08/30 13:04		
7	USPAT	2001/08/30 13:15		
8	USPAT	2001/08/30 13:17		
9	USPAT	2001/08/30 13:18		
10	USPAT	2001/08/30 13:23		
11	USPAT	2001/08/30 13:43		Truncation Overflow. Return string from Server is: 5`0`0`STO
12	USPAT	2001/08/30 13:31		Truncation Overflow. Return string from Server is: 5`0`0`INP
13	USPAT	2001/08/30 13:31		

	Type	Hits	Search Text
14	BRS	5	(((((categor\$ same natural\$ same language\$) and database\$) and (search\$ same criter\$))) and stor\$) and input\$ and output\$) and (sentenc\$ same element\$))
15	BRS	5	(((((categor\$ same natural\$ same language\$) and database\$) and (search\$ same criter\$))) and stor\$) and attribut\$

	DBs	Time Stamp	Comments	Error Definition
14	USPAT	2001/08/30 13:32		Truncation Overflow. Return string from Server is: 5`0`0`SEN
15	USPAT	2001/08/30 13:37		

	Document ID	Issue Date	Title
1	US 6202064 B1	20010313	Linguistic search system
2	US 6178419 B1	20010123	Data access system
3	US 6138087 A	20001024	Memory system for storing and retrieving experience and knowledge with  natural language utilizing state representation data, word sense  numbers, function codes and/or directed graphs
4	US 6038561 A	20000314	Management and analysis of document information text
5	US 6026388 A	20000215	User interface and other enhancements for natural language information  retrieval system and method
6	US 5963940 A	19991005	Natural language information retrieval system and method
7	US 5943643 A	19990824	Language processing method and apparatus
8	US 5794050 A	19980811	Natural language understanding system
9	US 5715468 A	19980203	Memory system for storing and retrieving experience and knowledge with  natural language
10	US 5696962 A	19971209	Method for computerized information retrieval using shallow linguistic  analysis

	Current OR	Current XRef	Inventor
1	707/5	704/9 ; 707/2 ; 707/3 ; 707/4 ; 707/531	Julliard, Laurent
2	707/6	707/1 ; 707/10 ; 707/100 ; 707/104.1 ; 707/2 ; 707/200 ; 707/201 ; 707/3 ; 707/5	Legh-Smith, Jon , et al.
3	704/9		Budzinski, Robert L.
4	707/6	707/10 ; 707/2 ; 707/3 ; 707/522	Snyder, David L. , et al.
5	707/1	704/9 ; 707/5	Liddy, Elizabeth D. , et al.
6	707/5	704/9	Liddy, Elizabeth D. , et al.
7	704/2	704/9	Van De Veen, Evelyn
8	717/8		Dahlgren, Kathleen , et al.
9	704/9	707/500	Budzinski, Robert Lucius
10	707/4	704/9 ; 707/5	Kupiec, Julian M.

	Document ID	Issue Date	Title
11	US 5634051 A	19970527	Information management system

	Current OR	Current XRef	Inventor
11	707/5		Thomson, William K.



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### 1 **An expert system acquires and generalises experiences**

*Muhlenfeld, E.*

Knowledge-Based Intelligent Engineering Systems and Allied Technologies Proceedings. Fourth International Conference on , Volume: 1 , 2000

Page(s): 137 -140 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(324 KB\)\]](#) **CNF**

### 2 **Improving parsing of spontaneous speech with the help of prosodic boundaries**

*Kompe, R.; Kiessling, A.; Niemann, H.; Noth, E.; Batliner, A.; Schachtt, S. Block, H.U.*

Acoustics, Speech, and Signal Processing, 1997. ICASSP-97., 1997 IEEE International Conference on , Volume: 2 , 1997

Page(s): 811 -814 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(480 KB\)\]](#) **CNF**

### 3 **A trie compaction algorithm for a large set of keys**

*Aoe, J.; Morimoto, K.; Shishibori, M.; Ki-Hong Park*

Knowledge and Data Engineering, IEEE Transactions on , Volume: 8 Issue 1996

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[\[Abstract\]](#) [\[PDF Full-Text \(1,364 KB\)\]](#) **JNL**

### 4 **Estimation of language models for new spoken language applications**

*Issar, S.*

Spoken Language, 1996. ICSLP 96. Proceedings., Fourth International Conference on , Volume: 2 , 1996

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[\[Abstract\]](#) [\[PDF Full-Text \(344 KB\)\]](#) **CNF**

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**5 A compact and fast structure for trie retrieval algorithms**

*Mochizuki, H.; Hayashi, Y.; Shishibori, M.; Aoe, J.-I.*

Systems, Man and Cybernetics, 1996., IEEE International Conference on , 1996

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[\[Abstract\]](#) [\[PDF Full-Text \(708 KB\)\]](#) **CNF**

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**6 Consonant duration from an Arabic speech database**

*Rajouani, A.; Ouadou, M.; Nour, H.A.; Najim, M.*

Electrotechnical Conference, 1996. MELECON '96., 8th Mediterranean , Vo 1996

Page(s): 1104 -1107 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(300 KB\)\]](#) **CNF**

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**7 A continuous speech recognition system using finite state network Viterbi beam search for the automatic interpretation**

*Nam-Yong Han; Hoi-Rin Kim; Kyu-Woong Hwang; Young-Mok Ahn; Joon-Acoustics, Speech, and Signal Processing, 1995. ICASSP-95., 1995 International Conference on , Volume: 1 , 1995*

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**8 Efficient search using posterior phone probability estimates**

*Renals, S.; Hochberg, M.*

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[\[Abstract\]](#) [\[PDF Full-Text \(408 KB\)\]](#) **CNF**

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**9 Large vocabulary word recognition based on tree-trellis search**

*Jung-Kuei Chen; Soong, F.K.; Lin-Shan Lee*

Acoustics, Speech, and Signal Processing, 1994. ICASSP-94., 1994 IEEE International Conference on , Volume: ii , 1994

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10 **Data driven search organization for continuous speech recognition**  
*Ney, H.; Mergel, D.; Noll, A.; Paeseler, A.*  
Signal Processing, IEEE Transactions on , Volume: 40 Issue: 2 , Feb. 1992  
Page(s): 272 -281

[\[Abstract\]](#) [\[PDF Full-Text \(848 KB\)\]](#) **JNL**

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11 **Alternative communication software using database files**  
*Cannon, T.W.*  
Computing Applications to Assist Persons with Disabilities, 1992., Proceed  
Johns Hopkins National Search for , 1992  
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12 **Speech understanding using a unification grammar**  
*Chow, Y.-L.; Roukis, S.*  
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Conference on , 1989  
Page(s): 727 -730 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(252 KB\)\]](#) **CNF**

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13 **Continuous-speech recognition using a stochastic language model**  
*Paeseler, A.; Ney, H.*  
Acoustics, Speech, and Signal Processing, 1989. ICASSP-89., 1989 Intern  
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